APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

APPLICATION TO DRILL XX DEEPEN

DRILL	XX	DEEPEN C

PLUG BACK D

	for en oi	I well BK	or gas well		
NAME OF COM	PANY OR OPERATORTO	wn oil	Co-		DATE9-11-97
	87th St. Page	ola		Kansas 6	
Addre		City	v		State
	DESCRIPT	TION OF	WELL AND LEAS	E	
Name of lease	AYNE		Well numbe	7	Elevation (ground) 960
WELL LOCATIO	ON Igive to	otage from	section lines)		
	It from (N) (S) sec tine		11 from (E) (W)	sec. line	(SEE MAP)
WELL LOCATIO	Section 5 Township	43N	Range 33	County	CASS
Nearest distance to property or le	from proposed location		trom proposed locat		
	165	ניטשטויין	ed or applied for w	ell on the same leas	250
Proposed depth	Orilling contractor, name & address	Rotery	r Cable Tools	Approx date	work will sters
300	Town Oil Co.	Rot	ary	9-12-97	
Number of acres	in lease			on leave, including the	
	30				0
			Number of 80.	andoned wells on le	
wells drilled, from	d with one or more n whom purchased Name	N/A		No. of V	Vetts producing
	Address				Inective
Status of Bond		No.			XXX FILE
Sing	nie Well 🗆 Ami	Blanket 8	Bond XX Amt _ 20	0,000	DATTACHED
Remarks: III this product	is an application to deepen or plug back, hig zone and expected new producing zone N/A	orielly descr i) use back	iba work to be done, of firm if needed	giving present	
Proposed casing po	ogram		Approved casing	To be filled in by S	tate Geologist
am1. 20	size wi/!: 6½ 14#	cem.	emt 20/	5120	wi/fi cem.
300	2 7/8 6.5# 4		300'	2 7/8"	14# 3 6.5# 45
and that I am auth	state that I am the	ort, and the	t this report was prep	ared under my sup	ervision and direction and
	d therein are true, correct and complete to	n the best o	of my knowledge.	7	
		Signat	uro Della	eu la	win
Permit Number	20641	E 0.77			
Approval Date	9/11/97		rs log required		nem test info, required if run
Oproved By	exertise 11200.		t required If run	. 1	ples required
person or to a	of transferable to amounter now other location.	SAS	snalysis required if ru		ples not required
ternit two copies to	: Missouri Oil and Gas Council -P.O. Box 259 Rolls, Mo. 85401 for driller's signature			WAT	TER SAMPLES REQUIRED •
one will be returned	for driller's signature				



MISSOURI DEPARTMENT OF NATURAL RESOURCES MISSOURI OIL AND GAS COUNCIL

PLUGGING RECORD

OWNER					ADDRESS			
	se Bros Drilling					ricktow	n, MO. 636	645
NAME OF LEASE Payne				WELL NUMBER	PERMIT NUMBER (OGC-3 OR OGC-31 NUMBER)		C-3I NUMBER)	
LOCATION OF				SEC-TWP-	SEC-TWP-RNG OR BLOCK & SURVEY		+1	
)' FNL 1800' FWL			5-43	N-33W	Cass		
APPLICATION	TO DRILL THIS WELL WAS FILED	IN NAME OF:	HAS THE	S WELL EVER PRODUCED	CHARACTER OF WELL AT COMP			DRY?
Pens	se Bros			YES NO		GAS (MCF/DAY) Yes		Yes
DATE ABANDO	ONED TOTAL DEPTH		AMOUNT	WELL PRODUCING PRIOR OIL (BBLS/DAY)		WATER (BBLS	S/DAY)	I
10-6	5-97 500'		N/	A	GAS (MCF/DAY)			
gas. Indicate	h formation containing oil or which formation open to well of abandonment.	Fluid	content o	of each formation	Depth interval of each fo	ormation	Size, kind, & d	epth of plugs used, giving
Circ	culated with clea	an water	r; mi	xed and pump	ed 43 sx at 330'	. Circu	lated cem	nent
to s	surface. Pulled	tubing	from	hole and mi	xed another 5 sx	cement	to top of	f well again
							48 sx; 50	0/50 poz; 6% ge
SIZE	PUT IN WELL (FT)	PULLED (FT)		LEFT IN WELL (FT)	GIVE DEPTH AND METHOD OF PARTING CASING (SHOT, RIPPED, ETC.)		PACKERS AI	ND SHOES
61/4	20'				Cut off below pl	ow depth	n N/A	1
WAS WELL FILL	LED WITH MUD-LADEN FLUID?			INDICATE DEEPEST FOR	MATION CONTAINING FRESH WA	TER		
NAME AND	DADDRESSES OF ADJA	CENT LEA	SE OP	ERATORS OR OWN	NERS OF THE SURFACE			
	NAME			ADDR	RESS		DIRECTION FRO	OM THIS WELL
						-		**************************************

METHOD	OF DISPOSAL				***************************************		RECI	CIVEID
	MUD PIT NTENTS	Co	overe	d with dirt			DEC	14 1998
	FILE THIS FORM IN DUPLICATE W	ITH: (USE REVE	RSE SIDE	FOR ADDITIONAL DETAIL	.)		DLC	14 1770
NOTE				California de la conc	santa le la laseja glada	ne do el nu	1/2 Oil &	Gas Council
CERTIFIC		and that I a	m auth	norized by said con	npany to make this repo d therein are true, corre			
SIGNATURE		_	/ /		2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	DATE		and the second second
10.302.57	_Zostn Ju	oun/	ley	dil	110 COLUMNIA DO TOMO	12-4		
0 780-0217 (1	0-87) RE	MIT TWÓ CO	PIES TO	: NISSOURI OIL AND C	SAS COUNCIL, P.O. BOX 250,	ROLLA, MO 65	5401	

Well #3

Farm: Payne

Cass County, MO. Lease Owner: Pense Bros Drilling Co., Inc.

WELL LOG

	WELL LOG	
Thickness		Total
of Strata	Formation	Depth
0-13	Soil & clay	13
3	Shale	16
4		
4	Sand	20
4	Sandy shale	24
8	Shale	32
	Lime	38
11	Shale	49
36	Lime	85
8	Shale & slate	93
19	Lime	112
6	Shale & slate	118
2	Lime	120
2 2	Shale & slate	122
6	Lime	128 Hertha
30	Shale	158
8	Sand	166
79	Shale	245
7	Sand	252
27	Shale	279
2	Shale	281
2	Shale	283
2 2 2	Sand	285
1	Sand	286
1.5	Sandy shale	287.5
3	Sand	290.5
1.5	Lime	292
27	Shale	319
8	Sand	327
		339
12	Shale	
6	Lime	345
14	Shale & shells	359
13	Lime	363
3	Sand	366
13	Shale shells	379
10	Shale	389
4	Lime	393
5 7	Shale & slate	398 405
7	Sand	405
38	Lime	443
1	Slate	447
2	Shale	449
4 2 13	Lime shells	393 398 405 443 447 449 462
13		466
4 3	Slate	466
	Shale	492
23	Sand	
8	Shale	500 TD

CONSOLIDATED INDUSTRIAL SERVICES, INC. 211 W. 14TH STREET, CHANUTE, KS 66720 316-431-9210 or 800-467-8676

LOCATION O Hang FOREMAN Alan Made

TREATMENT REPORT

			0000 70	10.		
CHARGE TO TOWN D	: Company of the contract of	OWNER				
MAILING ADDRESS 16205	W287 St	OPERATOR				
CITY Papla	TO DESCRIPTION OF STATE	CONTRACTOR TOWA				
STATE KS	ZIP CODE 66071	DISTANCE TO LOCATION 45				
TIME ARRIVED ON LOCATION 11	130	TIME LEFT LOCATION 2:30				
JT /	L DATA	TYPE OF TREATMENT				
TOTAL DEPTH 468		[] SURFACE PIPE		REAKDOWN		
CASING SIZE		[] PRODUCTION CAS	ING [] ACID S	TIMULATION		
CASING DEPTH		[] SQUEEZE CEMENT		POTTING		
CASING WEIGHT CASING CONDITION		LIPEUG & ABANDON	[]FRAC	36 94		
TUBING SIZE		[] PLUG BACK	[] FRAC	NITROGEN		
TUBING DEPTH	39	[] MISC PUMP	[] FOAM	FRAC		
TUBING WEIGHT TUBING CONDITION	The second secon	[] OTHER	[] NITRO	GEN		
19 1 年 5 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		in the second particle	transferred (taxon to the			
PACKER DEPTH		PRESSURE LIMITATIONS				
PERFORATIONS		SURFACE PIPE	THEORITICAL	INSTRUCTED		
SHOTS/FT OPEN HOLE		ANNULUS LONG STRING		207/2019/2019/2019		
The Albertaine Solution of the New York		TUBING				
TREATMENT VIA		III Bearing may	CEIVE)		
INSTRUCTIONS PRIOR TO JOB		n	-0 1 / 1098			
			EC 14 1998	4 4 4 1 1		
			" A Oce Colling			
Mixed and to Surface. another 55x	stablish circu pumped 435x Pulled tubin of cem to t	JAMARY lation will at 330'. g from ho op off w	18 Gas Counce francisco le Circula le and ell agai	n water ted cen mixed		
Mixed and to Surface. another 5sx	stablish circu pumped 435x Pulled tubin of cem to t	JAMARY lation will at 330'. g from ho of off w	Circula Circula le and ell agai	n water ted cen mixed		
Y	stablish circu pumped 43sx Pulled tubin of cem to 1 sx total 50/5	JAMMARY Lation Will at 330'. g from ho op off W D paz 6' BREAKDOWN BPM	th created Circulate and ell again	n water ted cen mixed		
Mixed and to Surface. another 5 sx 48 s PRESSUR BREAKDOWN or CIRCULATING FINAL DISPLACEMENT	Stablish Gircu pumped 435x Pulled tubin af cem to t ex total 50/5 ESUMMARY psi psi	JAMMARY Lation William at 330' g from ho of off W D DOZ 67 BREAKDOWN BPM INITIAL BPM	th created Circulate and ell again	n water ted cen n: xed		
Mixed and to Surface. another 5sx PRESSUR BREAKDOWN or CIRCULATING FINAL DISPLACEMENT ANNULUS	Stablish Circu pumped 435x Pulled tubin of cem to 1 5x total 50/5	JMMARY Lation Will at 330' g from ho p of w D p 2 6' BREAKDOWN BPM INITIAL BPM MINIMUM BPM	th created Circulate and ell again	n water ted cen mixed		
Mixed and to Surface. another 5sx HBS PRESSUR BREAKDOWN or CIRCULATING FINAL DISPLACEMENT ANNULUS MAXIMUM MINIMUM	Stablish Circus Pumped 43sx Pulled tubin af cem to f sx total 50/5 ESUMMARY psi psi psi psi psi psi psi psi	JMMARY Lation Will at 330' g from ho p of which will be a structure of the structure of	th created Circulate and ell again	n water ted cen m: ked n.		
M; xed and to Surface. another 5 sx HB 3 PRESSUR BREAKDOWN or CIRCULATING FINAL DISPLACEMENT ANNULUS MAXIMUM MINIMUM AVERAGE	Stablish Circus Pumped 435x Pulled tubin af cem to \$ 5x total 50/5 ESUMMARY psi psi psi psi psi psi psi psi psi ps	JMMARY Lation Will at 330' g from ho p of w D p 2 6' BREAKDOWN BPM INITIAL BPM MINIMUM BPM	th created Circulate and ell again	n water ted cen mixed		
Mixed and to Surface. another 5 sx 48 s PRESSUR BREAKDOWN or CIRCULATING FINAL DISPLACEMENT	stablish circus pumped 43sx Pulled tubin af cem to f sx total 50/5 ESUMMARY psi psi psi psi psi psi psi psi psi ps	JMMARY Lation Will at 330' g from ho p of which will be a structure of the structure of	th created Circula le and ell again TREATMENT RATE	n water ted cen mixed		